IC3402/3403
(DDR3 SDRAM/1G-bit)

IC3402 ONLY
IC3403 ONLY
DATA
CTL SIG
ADDRESS

IC3404
(NAND FLASH ROM/1G-bit)

IC3401
(VENUS ENGINE)

HS3901
(SD CARD CONNECTOR)
D0 D1 D2 D3 CMD CLK C.DET WP
BUS24 SDDAT0-3
BUS24 SDDAT0
BUS24 SDDAT1
BUS24 SDDAT2
BUS24 SDDAT3
CLK24 SDCMD
CLK48 SDCARD
E CARD DET
E CARD PRO

JK6001
USB TERMINAL
D-
D+
ID
USB D-
USB D+
USB IDDET L

HC-V270 only

Wi-Fi P.C.B.
Wi-Fi ANT.
(Wi-Fi MODULE)
BUS24 WIDAT0-3
BUS24 WIDAT0
BUS24 WIDAT1
BUS24 WIDAT2
BUS24 WIDAT3
CLK48 WIFI
CLK24 WICMD
E WIFI RST

NFC P.C.B. UNIT
NFC ANT.
(NFC)
CH3411
S SCK NFC
S DI NFC
S DO NFC
IRQ NFC
IRQ NFC2
(To IC1503-C4)

CAMERA SECTION
MOS
UNIT
BUS240 DAP
BUS240 DAM
BUS240 DBP
BUS240 DBM
BUS240 DCP
BUS240 DCM
BUS240 DDP
BUS240 DDM
BUS240 CKP
BUS240 CKM

MEMORY CONTROL
MAIN CPU
STREAM CONTROL
H.264
MPEG2
JPEG
AC3
PROCESSOR
CAMERA
DSP
HDMI DMA I/F
CAMERA SIGNAL PROCESSOR
AUDIO DSP
HDMI
CONTROL

JK6003
HDMI MINI CONNECTOR
S CLK DDC
S DAT DDC
HPDTCT
CEC
SCL
SDA
HPD
CEC
FL6001
FL6002
TMDS2P
TMDS2N
TMDS1P
TMDS1N
TMDS0P
TMDS0N
TMDSCLKP
TMDSCLKN
DATA2+
DATA2-
DATA1+
DATA1-
DATA0+
DATA0-
CLK+
CLK-

CLK36 LCD
BUS18 LCDYC0
BUS18 LCDYC1
BUS18 LCDYC2
BUS18 LCDYC3
BUS18 LCDYC4
BUS18 LCDYC5
BUS18 LCDYC6
BUS18 LCDYC7
BUS18 LCDYC0-C7
BUS18 LCDH
BUS18 LCDV
S CS LCD
S DO LCD
S CLK LCD
LCD

S DO AVIO
S CLK AVIO
S CS AVIO
AIDAT
AODAT
CLK 12M
ALRCK1
ABCK1
VIDEOOUT
E AVIO RST
CLK27 AUDIO
CLK27 AVL3V
To VIDEO/AUDIO PROCESS(2)
BLOCK DIAGRAM

HC-V270/V260 VIDEO/AUDIO PROCESS(1) CIRCUIT BLOCK DIAGRAM